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1. (Original) A method for creating a micropolarizer, comprising:
providing a first plate having a first and a second surface;
providing a second plate having a first and a second surface;
coating a polyimide on each of said first surface of said two plates;
rubbing said polyimide coated upon said first surface of said first plate along a predetermined direction;
rubbing said polyimide coated upon said first surface of said second plate along a direction having a predetermined angle in relation to said predetermined direction;
aligning said first plate and said second plate having said first surface of said first plate and said first surface of said second plate facing each other thereby creating a space there between; and
filling a liquid crystal between said space whereby a cell, or film is created.
 2. (Original) The method of claim 1, further comprising:
using a mask having alternate transparent and opaque stripes coving said cell or film whereby a solidifying energy are being selectively applied there through; and
partially solidifying some portions said liquid crystal.
 3. (Original) The method of claim 2, further comprising:
removing said mask; and
heating said cell or film to a temperature set point, whereby unsolidified liquid crystals covered by said opaque stripes are being transformed into a different phase.
 4. (Original) The method of claim 1, further comprising:
re-solidifying uncured nematics into an isotropic phase.
 5. (Original) The method of claim 1, further comprising:
substantially solidifying the materials between said first surface of said first plate and the said first surface of said second plate; and
removing said first plate; and
removing said second plate.

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6. (Original) The method of claim 2, wherein:
said solidifying comprises applying an ultraviolet light.
7. (Original) The method of claim 1, wherein:
said space having a substantially equidistance between said first surface of said
first plate and said first surface of said second plate.
8. (Original) The method of claim 1, wherein:
said liquid crystal comprises a nematic liquid crystal.
9. (Original) The method of claim 8, wherein:
said nematic liquid crystal comprises a type of polymerizable nematic liquid
crystal.
10. (Original) The method of claim 1, wherein: said predetermined angle is about
ninety degrees.
11. (Original) The method of claim 1, wherein: said predetermined angle is about
forty-five degrees.
12. (Original) The method of claim 1, wherein:
said two plates comprising flat glass plates.
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13. (Canceled) A method for creating a micropolarizer, comprising:
- providing a first plate having a first and a second surface, said first surface having an alternatively striped coatings of ITO of a predetermined strip width;
 - providing a second plate having a first and a second surface, said first surface having coatings of ITO;
 - coating a polyimide on each of said first surface of said two plates;
 - rubbing said polyimide coated upon said first surface of said first plate along a predetermined direction;
 - rubbing said polyimide coated upon said first surface of said second plate along a direction having a predetermined angle in relation to said predetermined direction;
 - aligning said first plate and said second plate having said first surface of said first plate and said first surface of said second plate facing each other thereby creating a space there between; and
 - filling a liquid crystal between said space whereby a cell, or film is created.
14. (Canceled) The method of claim 13, further comprising:
- using a mask having alternate transparent and opaque stripes coving said cell or film whereby a solidifying energy are being selectively applied there through; and
 - partially solidifying some portions said liquid crystal.
15. (Canceled) The method of claim 14, further comprising:
- removing said mask; and
 - heating said cell or film to a temperature set point, whereby unsolidified liquid crystals covered by said opaque stripes are being transformed into a different phase.
16. (Canceled) The method of claim 14, further comprising:
- re-solidifying uncured nematics into an isotropic phase.

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17. (Canceled) The method of claim 13, further comprising:
substantially solidifying the materials between said first surface of said first plate
and the said first surface of said second plate;
removing said first plate; and
removing said second plate.
18. (Canceled) The method of claim 13, wherein:
said solidifying comprises applying an ultraviolet light.
19. (Canceled) The method of claim 13, wherein:
said space having a substantially equidistance between said first surface of said
first plate and said first surface of said second plate.
20. (Canceled) The method of claim 13, wherein:
said liquid crystal comprising a nematic liquid crystal.
21. (Canceled) The method of claim 20, wherein:
said nematic liquid crystal comprising a type of polymerizable nematic liquid
crystal.
22. (Canceled) The method of claim 13, wherein: said predetermined angle is
about ninety degrees.
23. (Canceled) The method of claim 13, wherein:
said two plates comprising flat glass plates.

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24. (Original) A method for creating a micropolarizer, comprising:
providing a first plate having a first and a second surface;
coating a polyimide on said first surface of said first plate;
rubbing said polyimide coated upon said first surface of said first plate along a predetermined direction;
coating a photo resist on top of said polyimide;
patterning said photo resist into a predetermined alternatively spaced strips;
re-rubbing said polyimide coated upon said first surface of said first plate along a direction having a predetermined angle in relation to said predetermined direction; and
rinsing off said photo resist.
25. (Original) The method of claim 24, further comprising:
providing a second plate having a first and a second surface;
coating a polyimide on said first surface of said first plate;
rubbing said polyimide coated upon said first surface of said first plate along a predetermined direction;
aligning said first plate and said second plate having said first surface of said first plate and said first surface of said second plate facing each other thereby creating a space there between; and
filling a liquid crystal between said space whereby a cell, or film is created.
26. (Original) The method of claim 24, further comprising:
solidifying said liquid crystal.
2627. (Amended) The method of claim 25, further comprising:
substantially solidifying the materials between said first surface of said first plate and the said first surface of said second plate; and
removing said first plate; and
removing said second plate.

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2728. (Amended) The method of claim 26, wherein:
said solidifying comprises applying an ultraviolet light.

2829. (Amended) The method of claim 24, further comprising:
re-solidifying uncured nematics into an isotropic phase.

2930. (Amended) The method of claim 2829, wherein:
said solidifying comprises applying an ultraviolet light.

3031. (Amended) The method of claim 25, wherein:
said space having a substantially equidistance between said first surface of said
first plate and said first surface of said second plate.

3132. (Amended) The method of claim 24, wherein:
said liquid crystal comprising a nematic liquid crystal.

3233. (Amended) The method of claim 3132, wherein:
said nematic liquid crystal comprising a type of polymerizable nematic liquid
crystal.

3334 (Amended) The method of claim 25, wherein: said predetermined angle is
about ninety degrees.

3435. (Amended) The method of claim 25, wherein:
said two plates comprising flat glass plates.

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- ~~3536~~. (Canceled) A method for creating a micropolarizer, comprising:
providing a first plate having a first and a second surface;
providing a second plate having a first and a second surface;
coating a coat able material on each of said first surface of said two plates;
exposing both plates to a first linearly polarized ultraviolet light;
partially covering said first plate;
re-exposing said first plate to a second polarized ultraviolet light;
aligning said first plate and said second plate having said first surface of said first plate and said first surface of said second plate facing each other thereby creating a space there between; and
filling a liquid crystal between said space whereby a cell, or film is created.
- ~~3637~~. (Canceled) The method of ~~3536~~, wherein:
said second polarized ultraviolet light having a polarization direction substantially perpendicular to the polarization direction of said first linearly polarized ultraviolet light
- ~~3738~~. (Canceled) The method of claim ~~3536~~, wherein:
said coat able material consists of polyvinyl 4-methoxycinnamate (PVMC), polyvinylcinnamates (PVC), polyimides, dyed polyimide, and azobenzene polymer.
- ~~3839~~. (Canceled) The method of claim ~~3536~~, wherein:
said space having a substantially equidistance between said first surface of said first plate and said first surface of said second plate.
- ~~3940~~. (Canceled) The method of claim ~~3536~~, wherein:
said liquid crystal comprising a nematic liquid crystal.
- ~~4041~~. (Canceled) The method of claim ~~3940~~, wherein:
said nematic liquid crystal comprising a type of polymerizable nematic liquid crystal.

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- ~~4142~~. (Canceled) The method of claim ~~3536~~, wherein:
said liquid crystal is mixed with a small amount of photoresist PVMC or azo dye.
- ~~4243~~. (Canceled) A method for creating a micropolarizer, comprising:
providing a first plate having a first and a second surface;
providing a second plate having a first and a second surface;
coating a coat able material on each of said first surface of said two plates;
exposing said first plate to a first linearly polarized ultraviolet light;
placing a mask over said second plate;
exposing said second plate to said first linearly polarized ultraviolet light;
partially covering said first plate;
translationally moving said mask a predetermined distance;
re-exposing said first plate to a second polarized ultraviolet light;
aligning said first plate and said second plate having said first surface of said first plate and said first surface of said second plate facing each other thereby creating a space there between; and
filling a liquid crystal between said space whereby a cell, or film is created.
- ~~4344~~. (Canceled) The method of claim ~~4243~~, wherein:
said second polarized ultraviolet light having a polarization direction substantially perpendicular to the polarization direction of said first linearly polarized ultraviolet light
- ~~4445~~. (Canceled) The method of claim ~~4243~~, wherein:
said coat able material consists of polyvinyl 4-methoxycinnamate (PVMC), polyvinylcinnamates (PVC), polyimides, dyed polyimide, and azobenzene polymer.
- ~~4546~~. (Canceled) The method of claim ~~4243~~, wherein:
said space having a substantially equidistance between said first surface of said first plate and said first surface of said second plate.

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4647. (Canceled) The method of claim 4243, wherein:
said liquid crystal comprising a nematic liquid crystal.

4748. (Canceled) The method of claim 4647, wherein:
said nematic liquid crystal comprising a type of polymerizable nematic liquid crystal.

4849. (Canceled) The method of claim 4243, wherein:
said two plates comprising flat glass plates.

4950. (Canceled) The method of claim 4243, wherein: said liquid crystal is mixed
with a small amount of photoresist PVMC or azo dye.

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5051. (Amended) A liquid crystal display device, comprising:
an input surface for receiving incident light;
an output surface for emanating a processed light; and
a micropolarizer based on twist nematic liquid crystals produced by a method
comprising a liquid crystal display device produced by the method described
substantially by claims 1-11.

5152. (Canceled) A twisted nematic micropolarizer, comprising:
a first plate having a first and a second surface;
a second plate having a first and a second surface;
material coated on each of said first surface of said two plates;
a space there between said first plate and said second plate having said first
surface of said first plate and said first surface of said second plate facing each other; and
a liquid crystal filling said space whereby a cell, or film is created.

5153. (Canceled) The device of claim 5152, wherein:
said coating material comprises polyvinyl 4-methoxycinnamate (PVMC),
polyvinylcinnamates (PVC), polyimides, dyed polyimide, and azobenzene polymer.

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~~5354~~. (Canceled) The device of claim ~~51~~52, wherein:
said space has a substantially equidistance between said first surface of said first plate and said first surface of said second plate.

~~5355~~. (Canceled) The device of claim ~~51~~52, wherein:
said liquid crystal comprises a nematic liquid crystal.

~~5456~~. (Canceled) The device of claim ~~51~~52, wherein:
said nematic liquid crystal comprises a type of polymerizable nematic liquid crystal.

~~5557~~. (Canceled) The device of claim ~~51~~52, wherein:
said two plates comprise flat glass plates.

~~5658~~. (Canceled) The device of claim ~~51~~52, wherein: said liquid crystal is mixed
with a small amount of photoresist PVMC or azo dye.

~~5759~~. (Canceled) The device of claim ~~51~~52 wherein said TN-micropol is
horizontally aligned.

~~5860~~. (Canceled) The device of claim ~~51~~52 wherein said TN-micropol is vertically
aligned.

~~5961~~. (Canceled) The device of claim 52 wherein said TN-micropol is aligned
vertically and horizontally in a checkerboard pattern.